



Synthetic Natural Gas Engine Oil SAE (20W) 40

**Formulated to Provide Top Efficiency
in Engines Fueled by Natural Gas**

PRODUCT DESCRIPTION

AMSOIL Synthetic Natural Gas Engine Oil (ANG) was developed to deliver unsurpassed performance in natural gas engines calling for an SAE 40, low-ash (<.50%) lubricant.

Performance Without Compromise

AMSOIL Synthetic Natural Gas Engine Oil's low-ash formulation minimizes combustion-chamber deposit formation, critical in continuous operation applications. AMSOIL ANG also significantly reduces valve recession, a common problem with other low-ash oils. AMSOIL Synthetic Natural Gas Engine Oil is thermally stable, allowing it to combat oxidation, oil degradation and internal deposit formation.

Maintains Viscosity

AMSOIL Natural Gas Engine Oil is a true straight-grade SAE 40 oil, offering maximum protection against viscosity loss while minimizing internal oil consumption. Field studies have reported up to a 50 percent reduction in internal oil consumption when compared to competitive oils. Due to its syn-

thetic formulation, AMSOIL Natural Gas Engine Oil does not thicken as readily and qualifies as a multi-grade SAE 20W-40 oil without the disadvantages that come with the use of viscosity improvers. This allows the oil to be used over a broader ambient temperature range and in many cases eliminates the need for a conventional multi-grade product.

Extended Drain Intervals

AMSOIL Natural Gas Engine Oil may be used for extended drain intervals when monitored by an oil analysis program. Periodic oil analysis should be conducted at the engine manufacturer's recommended drain intervals. Change the oil filter at the recommended engine manufacturer's drain intervals.

MIXING AMSOIL

AMSOIL Synthetic Natural Gas Engine Oil is compatible with conventional petroleum oils and other synthetic lubricants; however, mixing AMSOIL Natural Gas Engine Oil with a petroleum oil will reduce the drain interval of the AMSOIL Natural Gas Engine Oil. Engine oil additives or aftermarket products are not recommended for use with AMSOIL Natural Gas Engine Oil.



TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic Natural Gas Engine Oil (ANG)

Ash Content % (ASTM D-874)	0.46
Kinematic Viscosity @ 100°C, cST (ASTM D-445)	14.3
Kinematic Viscosity @ 40°C, cST (ASTM D-445)	101.0
Viscosity Index (ASTM D-2270)	146
Noack Volatility, % weight loss (g/100g) (ASTM D-5800)	4.4
Flash Point °C (°F) (ASTM D-92)	252 (486)
Fire Point °C (°F) (ASTM D-92)	272 (522)
Pour Point °C (°F) (ASTM D-97)	-36 (-33)
Four-Ball Wear Test (ASTM D-4172B) (40 kgf, 75°C, 1200 rpm, 1 hr.) Scar, mm	0.35
High-Temperature/High-Shear Viscosity@150°C 1.4 x 10 ⁶ S ⁻¹ , cP (ASTM D-5481)	4.6

APPLICATIONS

AMSOIL Synthetic Natural Gas Engine Oil is recommended for use in natural-gas-fueled engines requiring low-ash engine oils including the following:

- Buda
- Case International
- Caterpillar
- Climax
- Cooper-Bessemer
- Cooper-Enterprise
- Cummins
- Detroit Diesel
- Dresser-Rand
- Fairbanks-Morse
- Hercules
- Ingersol-Rand
- Minneapolis-Moline
- Onan
- Roiline
- Stewart-Stevenson
- Superior
- Wartsaila
- Waukesha
- White
- Worthington

NOTE:

AMSOIL Synthetic Natural Gas Engine Oil should not be used in automotive engines that have been modified to use propane or natural gas.

AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

